data writing and reading devices for writing data to the medium and reading data from the medium;

memory and logic processing components; and

a controller that executes within a logic processing component and controls reading and writing of data to and from the memory and to and from the medium, the controller providing, in addition to execution of I/O operations, including execution of read and write operations to and from logical device units comprising portions of the medium for storing data, mirroring of an object stored on a first logical device unit to a mirror object stored on a second logical device unit and a current state metric for each logical device unit that can be requested by an accessing computer, the controller updating the current state metric for a logical device unit whenever the controller executes an I/O operation that changes the data, stored on the medium for storing data, included in the logical device unit's data.